

Project Title:	Repair of Radiation-Induced Crosslink Lesions of DNA
PI:	Wang, Yinsheng
Institution:	University Of California Riverside
Grant Number:	R01ES019873

These search results have not been confirmed by NIEHS and are therefore, not official. They are to be used only for general information and to inform the public and grantees on the breadth of research funded by NIEHS.

Viewing 26 publications

Print version (PDF)

(http://www.niehs.nih.gov/portfolio/index.cfm/portfolio/grantpubdetail/grant_number/R01ES019873/format/word)

Publication Title	Authors	Journal (Pub date)	Volume/Page	PubMed Li
A quantitative assay for assessing the effects of DNA lesions on transcription.	You, Changjun; Dai, Xiaoxia; Yuan, Bifeng; Wang, Jin; Wang, Jianshuang; Brooks, Philip J; Niedernhofer, Laura J; Wang, Yinsheng	Nat Chem Biol (2012 Oct)	8 / 817-22	PubMed Citat
A quantitative mass spectrometry-based approach for assessing the repair of 8-methoxypsoralen-induce ...	Liu, Shuo; Wang, Yinsheng	Anal Chem (2013 Jul 16)	85 / 6732-9	PubMed Citat
An Allosteric Interaction Links USP7 to Deubiquitination and Chromatin Targeting of UHRF1.	Zhang, Zhi-Min; Rothbart, Scott B; Allison, David F; Cai, Qian; Harrison, Joseph S; Li, Lin; Wang, Yinsheng; Strahl, Brian D; Wang, Gang Greg; Song, Jikui	Cell Rep (2015 Sep 1)	12 / 1400-6	PubMed Citat
Application of adenosine triphosphate affinity probe and scheduled multiple-reaction monitoring anal ...	Guo, Lei; Xiao, Yongsheng; Wang, Yinsheng	Anal Chem (2014 Nov 4)	86 / 10700-7	PubMed Citat
Arsenite binds to the RING finger domains of RNF20-RNF40 histone E3 ubiquitin ligase and inhibits DN ...	Zhang, Fan; Paramasivam, Manikandan; Cai, Qian; Dai, Xiaoxia; Wang, Pengcheng; Lin, Krystal; Song, Jikui; Seidman, Michael M; Wang, Yinsheng	J Am Chem Soc (2014 Sep 17)	136 / 12884-7	PubMed Citat
Arsenite Targets the Zinc Finger Domains of Tet Proteins and Inhibits Tet-Mediated Oxidation of 5-Me ...	Liu, Shuo; Jiang, Ji; Li, Lin; Amato, Nicholas J; Wang, Zi; Wang, Yinsheng	Environ Sci Technol (2015 Oct 6)	49 / 11923-31	PubMed Citat
Cd ²⁺ -induced alteration of the global proteome of human skin fibroblast cells.	Prins, John M; Fu, Lijuan; Guo, Lei; Wang, Yinsheng	J Proteome Res (2014 Mar 7)	13 / 1677-87	PubMed Citat

Cell and Protein Recognition at a Supported Bilayer Interface via In Situ Cavitand-Mediated Function ...	Perez, Lizeth; Ghang, Yoo-Jin; Williams, Preston B; Wang, Yinsheng; Cheng, Quan; Hooley, Richard J	Langmuir (2015 Oct 20)	31 / 11152-7	PubMed Citat
Comprehensive characterization of (S)GTP-binding proteins by orthogonal quantitative (S)GTP-affinity ...	Xiao, Yongsheng; Ji, Debin; Guo, Lei; Wang, Yinsheng	Anal Chem (2014 May 6)	86 / 4550-8	PubMed Citat
Cytotoxic and mutagenic properties of regioisomeric O ² -, N ³ - and O-ethylthymidines in bacterial cel ...	Zhai, Qianqian; Wang, Pengcheng; Wang, Yinsheng	Carcinogenesis (2014 Sep)	35 / 2002-6	PubMed Citat
Facile Discovery of Cell-Surface Protein Targets of Cancer Cell Aptamers.	Bing, Tao; Shangguan, Dihua; Wang, Yinsheng	Mol Cell Proteomics (2015 Oct)	14 / 2692-700	PubMed Citat
Global discovery of protein kinases and other nucleotide-binding proteins by mass spectrometry.	Xiao, Yongsheng; Wang, Yinsheng	Mass Spectrom Rev (2016 Sep)	35 / 601-19	PubMed Citat
Hexavalent chromium-induced alteration of proteomic landscape in human skin fibroblast cells.	Guo, Lei; Xiao, Yongsheng; Wang, Yinsheng	J Proteome Res (2013 Jul 5)	12 / 3511-8	PubMed Citat
Identification and Functional Characterizations of N-Terminal α -N-Methylation and Phosphorylation of ...	Dai, Xiaoxia; Rulten, Stuart L; You, Changjun; Caldecott, Keith W; Wang, Yinsheng	J Proteome Res (2015 Jun 5)	14 / 2575-82	PubMed Citat
Identification of novel *n-methylation of CENP-B that regulates its binding to the centromeric DNA.	Dai, Xiaoxia; Otake, Koichiro; You, Changjun; Cai, Qian; Wang, Zi; Masumoto, Hiroshi; Wang, Yinsheng	J Proteome Res (2013 Sep 6)	12 / 4167-75	PubMed Citat
Isotope-coded ATP probe for quantitative affinity profiling of ATP-binding proteins.	Xiao, Yongsheng; Guo, Lei; Wang, Yinsheng	Anal Chem (2013 Aug 6)	85 / 7478-86	PubMed Citat
Mass Spectrometry-Based Quantitative Strategies for Assessing the Biological Consequences and Repair ...	You, Changjun; Wang, Yinsheng	Acc Chem Res (2016 Feb 16)	49 / 205-13	PubMed Citat
Monomethylarsonous acid inhibited endogenous cholesterol biosynthesis in human skin fibroblasts.	Guo, Lei; Xiao, Yongsheng; Wang, Yinsheng	Toxicol Appl Pharmacol (2014 May 15)	277 / 21-9	PubMed Citat
NF-*B inhibition delays DNA damage-induced senescence and aging in mice.	Tilstra, Jeremy S; Robinson, Andria R; Wang, Jin; Gregg, Siobhan Q; Clauson, Cheryl L; Reay, Daniel P; Nasto, Luigi A; St Croix, Claudette M; Usas, Arvydas; Vo, Nam; Huard, Johnny; Clemens, Paula R; Stolz, Donna B; Guttridge, Denis C; Watkins, Simon C; Garinis, George A;	J Clin Invest (2012 Jul)	122 / 2601-12	PubMed Citat

	Wang, Yinsheng; Niedernhofer, Laura J; Robbins, Paul D			
On the formation and properties of interstrand DNA-DNA cross-links forged by reaction of an abasic s ...	Johnson, Kevin M; Price, Nathan E; Wang, Jin; Fekry, Mostafa I; Dutta, Sanjay; Seiner, Derrick R; Wang, Yinsheng; Gates, Kent S	J Am Chem Soc (2013 Jan 23)	135 / 1015-25	PubMed Citat
Photoswitchable formation of a DNA interstrand cross-link by a coumarin-modified nucleotide.	Haque, Mohammad Mojibul; Sun, Huabing; Liu, Shuo; Wang, Yinsheng; Peng, Xiaohua	Angew Chem Int Ed Engl (2014 Jul 1)	53 / 7001-5	PubMed Citat
Profiling global kinome signatures of the radioresistant MCF-7/C6 breast cancer cells using MRM-base ...	Guo, Lei; Xiao, Yongsheng; Fan, Ming; Li, Jian Jian; Wang, Yinsheng	J Proteome Res (2015 Jan 2)	14 / 193-201	PubMed Citat
Proteome-wide discovery and characterizations of nucleotide-binding proteins with affinity-labeled c ...	Xiao, Yongsheng; Guo, Lei; Jiang, Xinning; Wang, Yinsheng	Anal Chem (2013 Mar 19)	85 / 3198-206	PubMed Citat
Quantitative measurement of transcriptional inhibition and mutagenesis induced by site-specifically ...	You, Changjun; Wang, Yinsheng	Nat Protoc (2015 Sep)	10 / 1389-406	PubMed Citat
Sequential enrichment with titania-coated magnetic mesoporous hollow silica microspheres and zirconi ...	Yu, Qiong-Wei; Li, Xiao-Shui; Xiao, Yongsheng; Guo, Lei; Zhang, Fan; Cai, Qian; Feng, Yu-Qi; Yuan, Bi-Feng; Wang, Yinsheng	J Chromatogr A (2014 Oct 24)	1365 / 54-60	PubMed Citat
α -N-methylation of damaged DNA-binding protein 2 (DDB2) and its function in nucleotide excision repa ...	Cai, Qian; Fu, Lijuan; Wang, Zi; Gan, Nanqin; Dai, Xiaoxia; Wang, Yinsheng	J Biol Chem (2014 Jun 6)	289 / 16046-56	PubMed Citat